



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**647.3201**  
**Job Sheet 190844**



**Part No:** 647.3201

**Job Qty:** 2 pcs

**Part Name:** Grounding Cable Assembly



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 2/19/19

**Job Tracking No:**

**Due Date:** 3/4/19

**Created By:** Marie Lajeunesse

**Type:** Stock

**Description:**

**Note:** DWG REV N/C IPP REV:A 12.10.03 NEW ISSUE DD VERF:JFS

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation                   | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off |
|-------|-----------------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|----------|
|       |                             |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |          |
| 110   | Small Fab - 1               | 2 pcs | 3/4/19     |          | 0.00      | 0.37    | Small Fab - 1         |           |          |
|       |                             |       |            |          |           |         | Small Fab - 2         |           |          |
|       |                             |       |            |          |           |         | Small Fab - 3         |           | DAS      |
|       |                             |       |            |          |           |         | Small Fab - 4         |           | 36       |
|       |                             |       |            |          |           |         | Small Fab - 5         |           | 9-89     |
|       |                             |       |            |          |           |         | Small Fab - 6         |           |          |
|       |                             |       |            |          |           |         | Small Fab - 7         |           |          |
| 120   | QC 5                        | 2 pcs | 3/4/19     |          | 0.00      | 0.00    | QC 5 - 10             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 12             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 17             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 18             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 19             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 22             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 24             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 3              |           |          |
|       |                             |       |            |          |           |         | QC 5 - 42             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 43             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 49             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 51             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 58             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 68             |           |          |
|       |                             |       |            |          |           |         | QC 5 - 9              |           |          |
| 130   | Packaging 3-1 - Stock - B4B | 2 pcs | 3/4/19     |          | 0.00      | 0.00    | Packaging 3 - 1 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 2 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 3 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 4 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 5 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 6 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 7 - B4B |           |          |



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**Container No:** S161697



**Part:** 647.3201

**Job No:** 190844

**Serial No/Batch:** S161697

**Revision:**

**Inspector:**

**Exp Date:**

**Instructions:**

MAR 13 2019

DAS  
40  
9-89

|                                                                                                                                                                                                                                                                    |                       |                 |                   |                        |                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------|-------------------|------------------------|----------------------|
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 8 - B4B  |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 9 - B4B  |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 10 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 11 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 12 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 13 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 14 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 15 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 16 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 17 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 18 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 19 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 20 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 21 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 22 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 23 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 24 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 25 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 26 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 27 - B4B | still 81 MAR 13 2019 |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 28 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 29 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 30 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 31 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 32 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 33 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 34 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 35 - B4B |                      |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | Packaging 3 - 36 - B4B |                      |
| 140 QC 21 - SA                                                                                                                                                                                                                                                     | 2 pcs                 | 3/4/19          | 0.00 0.00         | QC 21 - SA - 21        | DAS                  |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | QC 21 - SA - 70        | MAR 13 2019 70       |
|                                                                                                                                                                                                                                                                    |                       |                 |                   | QC 21 - SA - 53        | 9-89                 |
| Part Op 110 - 1- CUT AND STRIP WIRE AS PER DWG 2- ASSEMBLE TERMINAL AS PER DWG<br>Descriptions: 120 - QC5- Inspect part completeness to step on W/O)<br>130 - (Identify as per dwg & Stock Location: _____)<br>140 - (QC21- Final Inspection - Work Order Release) |                       |                 |                   |                        |                      |
| <b>Job BOM</b>                                                                                                                                                                                                                                                     |                       |                 |                   |                        |                      |
| <b>Part / Item</b>                                                                                                                                                                                                                                                 | <b>Component Name</b> | <b>Quantity</b> | <b>Operation</b>  | <b>Container</b>       |                      |
| MS25036-156 5T291                                                                                                                                                                                                                                                  | Terminal              | 2 pcs (1 ea)    | 110-Small Fab - 1 | 5006961                |                      |
| MS25036-157 291                                                                                                                                                                                                                                                    | Terminal              | 2 pcs (1 ea)    | 110-Small Fab - 1 | 5104020                |                      |
| MW22759/16-10-9 260A                                                                                                                                                                                                                                               | 10GA Electrical Wire  | 2 ft (1 ea)     | 110-Small Fab - 1 | Fm126338               |                      |
| <b>Job Allocations</b>                                                                                                                                                                                                                                             |                       |                 |                   |                        |                      |
| <b>Operation</b>                                                                                                                                                                                                                                                   | <b>Component Part</b> | <b>Required</b> | <b>Inventory</b>  | <b>Allocated</b>       |                      |
| 110-Small Fab - 1                                                                                                                                                                                                                                                  | MS25036-156           | 2               | 26                | 0                      |                      |
|                                                                                                                                                                                                                                                                    | MS25036-157           | 2               | 51                | 0                      |                      |
|                                                                                                                                                                                                                                                                    | MW22759/16-10-9       | 2               | 21                | 0                      |                      |
| <b>Part Specifications</b>                                                                                                                                                                                                                                         |                       |                 |                   |                        |                      |
| Specifications could not be found.                                                                                                                                                                                                                                 |                       |                 |                   |                        |                      |



Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Preservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |